



CES Chain of Custody

COC
Version 2.1
6/24/97

Send Results to:

L- _____ phone _____
Copy: _____
L- _____

Turnaround Time _____
 E
 R
 N

LLNL Account # _____
Project Name/DQO _____
Tank Volume _____ liters

Client Sample Identification	Date Sampled	Time Sampled	Bldg	RAD (Y or N)	Matrix Code	Gen Code	# Bottles	Tests / Preservation Codes										Additional Instructions:	
																	Sample Composition		
1																			
2																			
3																			
4																			
5																			
6																			
7																			
8																			
9																			
10																			

Sampled and Relinquished by:	Date	Time	Received by:	Signature	Date	Time

CES phone # (510) 424-4127
For document control purposes, user SHALL ensure that all working copies are identical to current electronic version.
http://www-cms.llnl.gov/llnl_only/ces/QA_docs>List_of_QA_Docs.html

ELAP Certifications #1554
See page 2 for codes and additional instructions.

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**CES Chain of Custody
Instructions**

1. **Turnaround Time** section - Normal (N) = 15 work days; Rush (R) = 6 work days and Emergency (E) = 2 work days. Berms are due close of business the following day.
2. **Field Contact** section - name of individual to contact in case there are questions about the requested tests or sample bottles.
3. **Tank Volume** - volume of liquid in the tank when sampled; not the capacity of the tank.
4. **Issue Reports** section - check **COC** to receive all of the results from all the samples on a COC together. If **Sample** is checked, results from individual samples will be returned as completed. When submitting separate samples for top and bottom waste phases, check **COC** box to ensure HWM receives reports for both the top and bottom phases at the same time.
5. **Building** column - enter the building that the waste originated from. This field is used to determine if the waste is from an RMMA. If the sample is rad or potentially rad, CES will screen the sample for radioactivity.
6. **Sample Rad? Y/N** - for radioactive or potentially radioactive samples, enter Y.
7. **Matrix Code, Generation Code, Preservation Code and Test Codes** are given below. The current list of CES Codes is available on the Internet at : <http://www-cms.llnl.gov/ces> and at the CES Log-In Desk.

MATRIX CODES		GENERATION CODES			PRESERVATION CODES	
AQ	Aqueous	WS	Waste	N	No preservative	
PC	Photochemicals	EV	Environmental	R	Refrigerated (4±2°C)	
CO	Coolant	FQC	Field QC	A	HNO ₃ (RED tape)	
SV	Solvents	WV	Waste Verification	B	NaOH (WHITE tape)	
OI	Oils	CRT	Categorical Retention Tank	S	H ₂ SO ₄ (YELLOW tape)	
ZZ	Other Liquid Waste	NRT	Non-categorical Retention Tank	C	HCl (BLUE tape)	
SL	Sludge	TT	HWM Treatment Tank	T	Na ₂ S ₂ O ₃ (sodium thiosulfate)	
SO	Soil	PE	Performance Evaluation	F	Frozen	
CD	Construction Debris	QC	Quality Control	H	Hexane	
SW	Swipe			M	Methanol	
XX	Other Solid Waste			W	Water	
				E	Acetonitrile	

WET CHEM/misc.		ORGANIC		METALS		RAD	
Rad Screening	CES only	601/602	E601+602	TTLC-metals	TTLCMA+K	GAB	RADWG:GA+GB
Low Rad Screening	CES only	624	E624	TTLC-Hg	TTLCMB+K	Tritium	RADWG:H3
pH	E9040/E9045	625	E625	TTLC-Hg	TTLCMA+K	Gamma Spec	RADWG:GS
pH/norm	pH+normality	8021	E8010+8020	TTLC-Hg	TTLCMB+K	Alpha TUPA	AS:AMISO,PUISO,T,HISO,UISO
Normality	E305.1/E310.0	8015	E8015	STLC-metals	STLCMA+K	GAB-Swipe	RADWG:GA+GB
pH/norm-RT	pH+normality	8260	E8240+F113	STLC-Hg	STLCMB+K	Tritium-Swipe	RADWG:H3
Flashpoint	FLASHPT	8270	E8270	STLC-Hg	STLCMA+K	Gamma-Swipe	CES only
Anions	ANIONS	8290	E8290	STLC-Hg	STLCMB+K	Carbon-14	CES only
Cyanide	E9010	8080	E8080W:PCB	TCLP-metals	TCLPM+K	Phosphorus-32	CES only
Sulfide	E9030	WVorg	CES only	TCLP-Hg	TCLPM+K	Chlorine-36	CES only
Percent Oil	CES only	HMX/RDX	E8330:HE			Field Gamma	CES only
ppm Oil	E9070/E9071	TATB	E8330:HE			Rad Dec.	CES only
Percent Water	E160.3/PM	TNT	E8330:HE	MA & MB			
TS	E160.3	TCLP-Vol	TCLPV	Refer to Enc. A			
TDS	E160.1	TCLP-Semi	TCLPSV	for specific DLs.			
TSS	E160.2						
TOC	E9060						
Fish Toxicity	FISHTOX50						

8. **Tests** section - enter test code in vertical rectangle and then enter a **Preservative Code** for a given sample. The Preservation Code indicates that a test is requested and records the preservation of the sample bottle. For example: to request TTLC metals for a set of samples preserved with nitric acid, enter TTLC-metals in the vertical rectangle and then enter A in the column underneath the test for every sample that requires TTLC-metals.
9. **Sample Composition** - enter for each sample. If more space is needed, several lines may be used for one sample. For complex waste samples, attach a copy of the HWM Waste Requisition or TWMS form to assist CES in safely handling the waste sample.